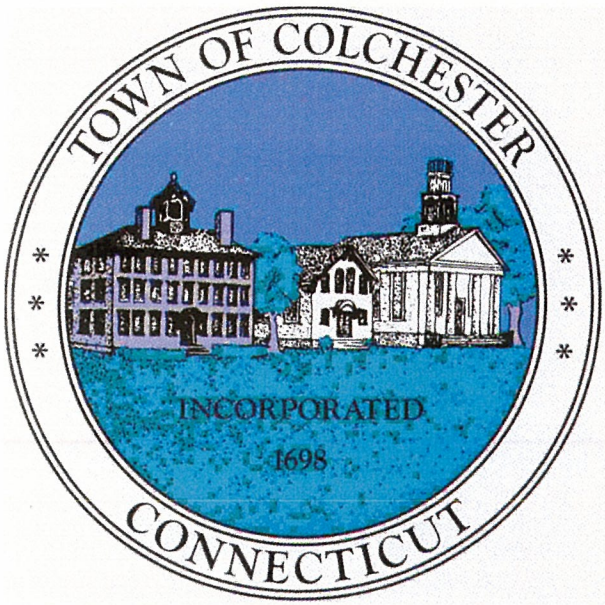


Town of Colchester

Colchester Fire Department

Request for Proposal



High Pressure

Hydraulic Rescue Tools

Instruction to Bidders

High Pressure Hydraulic Rescue Tools

August 9, 2012

Bids shall be addressed to 1st Selectman, Gregg Schuster, 127 Norwich Avenue, Suite 201, Colchester, Connecticut. 06415 and received on or before 2:00 P.M. **September 5, 2012**

Bids shall be submitted in a sealed envelope clearly marked, **“High Pressure Rescue Tools**

Bid opening shall take place at the Colchester Town Hall, Office of the 1st Selectman, 127 Norwich Avenue, Suite 201, Colchester, CT. 06415 at 2:00 P.M. **September 5, 2012.**

Any questions concerning this bid may be answered by contacting Deputy Chief Donald Lee at Colchester Fire Headquarters at 860-537-2512.

No right shall accrue to any person submitting a bid until such bids have been accepted and contract awarded in writing by the duly authorized representative of the Colchester Board of Selectman. The Colchester Board of Selectman reserves the right to reject any and all bids and to accept the lowest responsible bidder, and to waive any informalities, omissions, excess verbiage, or technical defects in the Bidding, if, in the opinion of the Board of Selectman, it would be in their best interest to do so.

OFFICIAL BID FORM
For Hydraulic Rescue Tools
Hydraulic Rescue Tools Bid Specifications For:
Colchester Fire Department

The following bid form must be completed by bidder and returned along with specifications:

| | Name Brand | Model Number | Description |
|-----|-------------------|---------------------|--------------------|
| 1. | _____ | _____ | _____ |
| 2. | _____ | _____ | _____ |
| 3. | _____ | _____ | _____ |
| 4. | _____ | _____ | _____ |
| 5. | _____ | _____ | _____ |
| 6. | _____ | _____ | _____ |
| 7. | _____ | _____ | _____ |
| 8. | _____ | _____ | _____ |
| 9. | _____ | _____ | _____ |
| 10. | _____ | _____ | _____ |
| 11. | _____ | _____ | _____ |
| 12. | _____ | _____ | _____ |
| 13. | _____ | _____ | _____ |

All for the sum of \$_____. (Including freight and delivery.)

Bidder's Name _____

Manufacturer Name _____

Bidder's Address _____

Location of service center _____

Time required providing replacement tools _____

Bidder's Phone _____

Signature _____

Title _____

HYDRAULIC RESCUE TOOL SPECIFICATIONS

The following specifications list the minimum requirements for a hydraulic rescue tool system. Each bidder shall complete all bidder complies/bidder does not comply with an "X". Any bid failing to do so will be considered incomplete and will be rejected immediately.

Any exceptions, deviations, or differences between bidder's rescue tool system/rescue tools and the following specifications shall be noted and a complete explanation shall be provided with bid. Bidder complies shall mean that the product being offered by bidder meets or exceeds the specifications. Each bid shall be provided with tool specifications and/or literature on the rescue tool system being offered.

The following hydraulic rescue tool system shall be utilized in emergency situations; therefore, any rescue tools bid must meet the minimum requirements to be considered. All information requested is required to be provided. Any information requested that is not provided will render the bid incomplete and will result in the immediate rejection of the bid.

As a safety precaution, the complete rescue tool system shall utilize mineral based oil (systems utilizing phosphate ester hydraulic oil will not be considered). The following hydraulic rescue tool system shall operate with a minimum 10,000psi and a maximum 10,500psi (724bar).

Bidder shall include the location of the nearest service center. Should factory service or repair be required for any of the following equipment, bidder shall show proof that replacement equipment can be provided within 24 hours. Bid price shall include full training for individuals in the proper use and care of hydraulic rescue tools. Training shall be performed at a time and location convenient for the purchaser.

The manufacturer of the rescue tools is ISO 9001: 2008 Registered.

Bidder Complies _____ Bidder Does Not Comply _____

The tools must be labeled by the actual manufacturer of the rescue tools with the actual manufacturer's information and not relabeled by a secondary organization.

Bidder Complies _____ Bidder Does Not Comply _____

Quantity Two (2) 28" SPREADER

1. The Spreader shall have a minimum opening of 28" at the tips.

Bidder Complies _____ Bidder Does Not Comply _____

2. Aluminum used in the construction of the Spreader body shall have an anodized finish. Spreader arms shall be aluminum. Painted or polished aluminum will not be acceptable for any part of tool.

Bidder Complies _____ Bidder Does Not Comply _____

3. Spreader shall have a maximum spread force of not less than 56,000 lbs

Bidder Complies _____ Bidder Does Not Comply _____

4. Spreader shall have a maximum pull force of not less than 25,500 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

5. Spreader shall have a maximum deployment weight of 45 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

6. Spreader shall have automotive/grabber-jaw tips that will perform all spreading and crushing techniques commonly used in extrication without the need to change tips. Tips shall be constructed of hardened tool steel, and shall not be field removable. Each spreader arm shall have a hole for attaching pulling attachments.

Bidder Complies _____ Bidder Does Not Comply _____

7. Spreader control shall be a twist/star type handle for easy operation in any position. A D-Ring handle with a powder-coated finish (chrome D-Ring handle will not be acceptable) shall be positioned to provide balance for the tool and shall be accessible regardless of the tool position. The control valve shall be a variable speed dead-man control for safety. The Spreader shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

8. Spreader shall incorporate a dual safety check valve for no load drop and an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Relief Device).

Bidder Complies _____ Bidder Does Not Comply _____

9. Spreader shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit at the bottom of the tool toward the rear of the tool. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the spreaders shall have a bleeder coupler on the return pigtail. Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose “NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition”, manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

10. Spreader shall be manufactured and assembled wholly within the United States of America. Spreader must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

11. Spreader shall be built to be compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition

Bidder Complies _____

Bidder Does Not Comply _____

Quantity One (1) 32" SPREADER HEAVY RESCUE SPREADER

1. The Spreader shall have a minimum opening of 32" at the tips.

Bidder Complies _____ Bidder Does Not Comply _____

2. Aluminum used in the construction of the Spreader body shall have an anodized finish. Spreader arms shall be aluminum. Painted or polished aluminum will not be acceptable for any part of tool.

Bidder Complies _____ Bidder Does Not Comply _____

3. Spreader shall have a maximum spread force of not less than 80,000 lbs.

4. Spreader shall have a maximum pull force of not less than 36,400 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

5. Spreader shall have a maximum deployment weight of 50 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

6. Spreader shall have automotive/grabber-jaw tips that will perform all spreading and crushing techniques commonly used in extrication without the need to change tips. Tips shall be constructed of hardened tool steel, and shall not be field removable. Each spreader arm shall have a hole for attaching pulling attachments.

Bidder Complies _____ Bidder Does Not Comply _____

7. Spreader control shall be a twist/star type handle for easy operation in any position. A D-Ring handle with a powder-coated finish (chrome D-Ring handle will not be acceptable) shall be positioned to provide balance for the tool and shall be accessible regardless of the tool position. The control valve shall be a variable speed dead-man control for safety. The Spreader shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

8. Spreader shall incorporate a dual safety check valve for no load drop and an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Relief Device).

Bidder Complies _____ Bidder Does Not Comply _____

9. Spreader shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit at the bottom of the tool toward the rear of the tool. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the spreaders shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

10. Spreader shall be manufactured and assembled wholly within the United States of America. Spreader must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

11. Spreader shall be built to be compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity Two (2) AUTO EXTRICATION CUTTER

1. The cutter shall have a minimum blade opening seven (7 5/8 "/179mm).

Bidder Complies _____

Bidder Does Not Comply _____

2. Aluminum used in the construction of the Cutter shall have an anodized finish. Painted aluminum will not be acceptable.

Bidder Complies _____

Bidder Does Not Comply _____

3. Cutter shall have a minimum 269,000 lbs. cutting force in recess.

Bidder Complies _____

Bidder Does Not Comply _____

4. Cutter shall have a maximum deployment weight of 40 lbs.

Bidder Complies _____

Bidder Does Not Comply _____

5. Cutter shall have high strength tool steel heat-treated blades. Blades shall have a hook design and shall be re-grindable. (Straight blade cutters will not be acceptable). Cutter blades shall be a minimum 3/4" thick (each blade). (Forged or cast blades will be unacceptable.)

Bidder Complies _____

Bidder Does Not Comply _____

6. Cutter control shall be a twist/star type handle for easy operation in any position. A D-Ring handle with a powder-coated (chrome D-Ring handle will not be acceptable) shall be positioned to provide balance for the tool and shall be accessible regardless of the tool position. The control valve shall be a variable speed dead-man control for safety. The Cutter shall be a one-man operated tool.

Bidder Complies _____

Bidder Does Not Comply _____

7. Cutter shall incorporate an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Release Device).

Bidder Complies _____

Bidder Does Not Comply _____

8. Cutter shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit at the bottom of the tool toward the rear of the tool. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the cutter shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

9. Cutter shall be manufactured and assembled wholly within the United States of America. Cutter must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

10. Cutter shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity One (1) AUTO EXTRICATION CUTTER

1. The cutter shall have a minimum blade opening seven (7.75"/196.9mm).

Bidder Complies _____ Bidder Does Not Comply _____

2. Aluminum used in the construction of the Cutter shall have an anodized finish. Painted aluminum will not be acceptable.

Bidder Complies _____ Bidder Does Not Comply _____

3. Cutter shall have a minimum 320,000 lbs. cutting force in recess.

Bidder Complies _____ Bidder Does Not Comply _____

4. Cutter shall have a maximum deployment weight of 50 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

5. Cutter shall have high strength tool steel heat-treated blades. Blades shall have a hook design and shall be re-grindable. (Straight blade cutters will not be acceptable). Cutter blades shall be a minimum 3/4" thick (each blade). (Forged or cast blades will be unacceptable.)

Bidder Complies _____ Bidder Does Not Comply _____

6. Cutter control shall be a twist/star type handle for easy operation in any position. A D-Ring handle with a powder-coated (chrome D-Ring handle will not be acceptable) shall be positioned to provide balance for the tool and shall be accessible regardless of the tool position. The control valve shall be a variable speed dead-man control for safety. The Cutter shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

7. Cutter shall incorporate an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Release Device).

Bidder Complies _____ Bidder Does Not Comply _____

8. Cutter shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit at the bottom of the tool toward the rear of the tool. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the cutter shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____ Bidder Does Not Comply _____

9. Cutter shall be manufactured and assembled wholly within the United States of America. Cutter must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

10. Cutter shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity One (1) 20" RAM

1. The Ram shall have a minimum extended length of twenty inches (20.00") and a minimum 7.00" stroke.

Bidder Complies _____ Bidder Does Not Comply _____

2. Ram shall have a minimum 33,000 lbs. pushing force.

Bidder Complies _____ Bidder Does Not Comply _____

3. Ram shall have a maximum deployment weight of 25 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

4. Ram shall have penetrating teeth on both Ram tip and base for increased safety during displacement of various structures.

Bidder Complies _____ Bidder Does Not Comply _____

5. Ram control shall be a twist type handle for easy operation. Control handle shall run parallel with Ram cylinder creating a sleek, compact and easy to use tool. The control valve shall be a variable speed dead-man control for safety. The Ram shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

6. Ram shall incorporate an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Release Device).

Bidder Complies _____ Bidder Does Not Comply _____

7. Ram shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit between the control valve and the Ram cylinder to protect the pigtail hoses from damage. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the ram shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____ Bidder Does Not Comply _____

8. Ram shall be manufactured and assembled wholly within the United States of America. Ram must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____ Bidder Does Not Comply _____

9. Ram shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity One (1) 40" RAM

1. The Ram shall have a minimum extended length of forty inches (40.00") and a minimum 14.00" stroke.

Bidder Complies _____ Bidder Does Not Comply _____

2. Ram shall have a minimum 33,000 lbs. pushing force and 17,800 lbs. pulling force.

Bidder Complies _____ Bidder Does Not Comply _____

3. Ram shall have a maximum deployment weight of 37 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

4. Ram shall have penetrating teeth on both Ram tip and base for increased safety during displacement of various structures. Ram shall be capable of performing pulling operations, by utilizing the same pulling attachments as the Spreader.

Bidder Complies _____ Bidder Does Not Comply _____

5. Ram control shall be a twist type handle for easy operation. Control handle shall run parallel with Ram cylinder creating a sleek, compact and easy to use tool. The control valve shall be a variable speed dead-man control for safety. The Ram shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

6. Ram shall incorporate an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Release Device).

Bidder Complies _____ Bidder Does Not Comply _____

7. Ram shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit between the control valve and the Ram cylinder to protect the pigtail hoses from damage. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the ram shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____ Bidder Does Not Comply _____

8. Ram shall be manufactured and assembled wholly within the United States of America. Ram must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____ Bidder Does Not Comply _____

9. Ram shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity One (1) 50" RAM

1. The Ram shall have a minimum extended length of forty inches (50.00") and a minimum 19.00" stroke.

Bidder Complies _____ Bidder Does Not Comply _____

2. Ram shall have a minimum 33,000 lbs. pushing force and 17,800 lbs. pulling force.

Bidder Complies _____ Bidder Does Not Comply _____

3. Ram shall have a maximum deployment weight of 37 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

4. Ram shall have penetrating teeth on both Ram tip and base for increased safety during displacement of various structures. Ram shall be capable of performing pulling operations, by utilizing the same pulling attachments as the Spreader.

Bidder Complies _____ Bidder Does Not Comply _____

5. Ram control shall be a twist type handle for easy operation. Control handle shall run parallel with Ram cylinder creating a sleek, compact and easy to use tool. The control valve shall be a variable speed dead-man control for safety. The Ram shall be a one-man operated tool.

Bidder Complies _____ Bidder Does Not Comply _____

6. Ram shall incorporate an Automatic Safety Relief Device to prevent over pressurization (Male bleeder coupler will not be acceptable as a Safety Release Device).

Bidder Complies _____ Bidder Does Not Comply _____

7. Ram shall have pigtail hoses with quick-connect ¼ turn automatic locking couplers. Pigtails shall exit between the control valve and the Ram cylinder to protect the pigtail hoses from damage. Quick-connect couplers shall be provided to facilitate the quick and easy connect and disconnect of the tool. All quick-couplers shall be equipped with dust covers to protect couplers from contamination. For safety purposes the ram shall have a bleeder coupler on the return pigtail.

Hose assemblies shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose "NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition", manufactures name and part number, the third party certifying body of compliancy symbol, and date of manufacturing.

Bidder Complies _____ Bidder Does Not Comply _____

8. Ram shall be manufactured and assembled wholly within the United States of America. Ram must carry a lifetime warranty on materials and workmanship. Any parts not manufactured by the rescue tool manufacturer (e.g., hose, couplers, etc.) shall carry a minimum three-year warranty.

Bidder Complies _____ Bidder Does Not Comply _____

9. Ram shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

Quantity Two (2) TWIN ELECTRIC SIMO POWER UNIT
Two (2) hydraulic rescue tools simultaneously

Hydraulic fluid shall be mineral base. Power Unit shall operate two (2) hydraulic tools simultaneously (simo*) with no power loss to either tool. Power unit shall operate with a minimum 10,000psi and a maximum 10,500psi. Power unit shall have a minimum hydraulic oil reservoir of .85 U.S. Gallons.

Bidder Complies _____ Bidder Does Not Comply _____

Power Unit shall have two (2) Hydrostatic two stage radial piston over piston hydraulic pumps that share one reservoir. Each hydraulic pump shall have a control lever to engage or disengage the hydraulic. Power unit shall have two (2) internal safety relief valves to prevent over pressurization. (Split flow simo* pumps will not be accepted.)

Bidder Complies _____ Bidder Does Not Comply _____

Power unit shall have two (2) first stage settings at 3,500 psi each and two (2) second stage settings at 10,500 psi each.

Bidder Complies _____ Bidder Does Not Comply _____

Control levers for tool operation shall be located just above tool connection. Quick-connect ¼ turn automatic locking couplers shall be provided for each pump connection. All quick-couplers shall be equipped with dust covers to protect couplers from contamination.

Bidder Complies _____ Bidder Does Not Comply _____

Because of limited space, Power unit with roll cage shall be a maximum of 26.00 inches long x 16.00 inches tall x 15.00 inches wide and shall have a maximum deployment weight of 100 lbs.

Bidder Complies _____ Bidder Does Not Comply _____

Power unit shall be driven with a minimum 4.0 hp electric 220volt single-phase 60 cycle horizontal motor. Power unit shall have a maximum amp draw of 17 amps at full load. Electric motor shall carry a warranty for a minimum of three years.

Bidder Complies _____ Bidder Does Not Comply _____

Power unit shall be manufactured and assembled wholly within the United States of America. Power unit must carry a lifetime warranty on materials and workman ship.

Bidder Complies _____ Bidder Does Not Comply _____

9. Pump shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____ Bidder Does Not Comply _____

GASOLINE POWER UNIT (Mini Pump)
Two (2) hydraulic rescue tools alternating
Quantity One (1)

1. Hydraulic fluid shall be mineral base. Power unit shall operate two (2) hydraulic rescue tools alternating by means of a selector valve. Power unit shall operate with a minimum 10,000psi and a maximum 10,500psi. Power unit shall have a minimum hydraulic oil reservoir of .50 U.S. Gallons.

Bidder Complies _____ Bidder Does Not Comply _____

2. Power unit shall have a hydrostatic two stage radial piston over piston hydraulic pump. Hydraulic pump shall have a selector lever to engage or disengage the hydraulics. Power unit shall have an internal safety relief valve to prevent over pressurization of unit.

Bidder Complies _____ Bidder Does Not Comply _____

3. Power unit shall have two (2) first stage settings at 3,200 psi each and two (2) second stage settings at 10,500 psi each.

Bidder Complies _____ Bidder Does Not Comply _____

4. Control lever for tool operation shall be located just above tool connection. Quick-connect ¼ turn automatic locking couplers shall be provided for each pump connection. All quick-couplers shall be equipped with dust covers to protect couplers from contamination.

Bidder Complies _____ Bidder Does Not Comply _____

5. Because of limited space, power unit size shall be a maximum of 21.00" long x 17.5" tall x 9.00" wide and shall have a maximum deployment weight of 54 lbs. Each manufacturer shall include with bid, the sizes of their power unit. Power units that incorporate a roll-cage design will not be acceptable unless they conform to the maximum size requirements.

Bidder Complies _____ Bidder Does Not Comply _____

6. Power unit shall be equipped with a single center mounted handle for balance, compact storage and easy lifting. All aluminum used in the construction of power unit shall be anodized. Power unit shall be equipped with rubber anti-vibration feet that will protect bottom of unit from harm while in use or in storage.

Bidder Complies _____ Bidder Does Not Comply _____

7. Power unit shall be driven with a minimum 3.0 hp gasoline engine. Engine shall be a horizontal shaft Honda four stroke; one cylinder with a minimum 97cc. Honda engine shall have an approximate run time of 1.30 hours. Honda engine shall have a minimum two-year warranty. Power unit will have an hour meter.

Bidder Complies _____ Bidder Does Not Comply _____

8. Pump shall be manufactured and assembled wholly within the United States of America. Pump must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

9. Pump shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

GASOLINE SIMO POWER UNIT w/ Roll Cage and Wheel Kit
Two (2) hydraulic rescue tools simultaneously
Quantity One (1)

1. Hydraulic fluid shall be mineral base. Power unit shall operate two (2) hydraulic rescue tools simultaneously (simo*) with no power loss to either tool. When placing simo valves in the neutral position, this activates the third valve (in the middle of the two simo valves), by selecting right or left, will operate one or the other tool, at double the rate of speed. Power unit shall operate with a minimum 10,000psi and a maximum 10,500psi. Power unit shall have a minimum hydraulic oil reservoir of .85 U.S. Gallons.

Bidder Complies _____

Bidder Does Not Comply _____

2. Power unit shall have two (2) hydrostatic two stage radial piston over piston hydraulic pumps that share one reservoir. Each hydraulic pump shall have a control lever to engage or disengage the hydraulics. Power unit shall have an internal safety relief valve to prevent over pressurization of unit. (Split flow simo* pumps will not be accepted.)

Bidder Complies _____

Bidder Does Not Comply _____

3. Power unit shall have two (2) first stage settings at 3,200 psi each and two (2) second stage settings at 10,500 psi each.

Bidder Complies _____

Bidder Does Not Comply _____

4. Control levers for tool operation shall be located just above tool connection, with the third lever between the other two. Quick-connect ¼ turn automatic locking couplers shall be provided for each pump connection. All quick-couplers shall be equipped with dust covers to protect couplers from contamination.

Bidder Complies _____

Bidder Does Not Comply _____

5. Because of limited space, power unit size including roll cage shall be a maximum of 23.00" long x 17.50" tall x 17.50" wide and shall have a maximum deployment weight of 90 lbs. Each manufacturer shall include with bid, the sizes of their power unit. Power units that incorporate a roll-cage design will not be acceptable unless they conform to the maximum size requirements.

Bidder Complies _____

Bidder Does Not Comply _____

6. Power unit shall be equipped with a powder coated aluminum roll cage. All aluminum used in the construction of power unit shall be anodized. Power unit shall be equipped with rubber anti-vibration feet that will protect bottom of unit from harm while in use or in storage.

Bidder Complies _____

Bidder Does Not Comply _____

7. Power unit shall be driven with a minimum 6.5 hp gasoline engine. Engine shall be a horizontal shaft Honda four stroke, O. H. valve; one cylinder with a minimum 196cc. Honda engine shall have an approximate run time of two hours. Honda engine shall have a minimum two-year warranty. Power unit will have an hour meter.

Bidder Complies _____

Bidder Does Not Comply _____

8. Pump shall be manufactured and assembled wholly within the United States of America. Pump must carry a lifetime warranty on materials and workmanship.

Bidder Complies _____

Bidder Does Not Comply _____

9. Pump shall be UL (Underwriters Laboratories) "Classified" and compliant with NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition.

Bidder Complies _____

Bidder Does Not Comply _____

HOSES AND HOSE REELS

1. The rescue tool system shall be equipped with Four (4) twin line extension hoses. Hoses shall have quick-connect ¼ turn automatic locking couplers and shall each be a minimum of Thirty (30) feet long. Each quick-coupler shall be equipped with dust covers to protect couplers from contamination. Hoses shall be color coded for ease of identification Hoses shall be a Rubber coated bonded hose. (Zip ties and metal bands do not constitute professional banding or bonding.) Hoses shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose “NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition, manufactures name and part number, the third party certifying body of compliancy, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

2. The rescue tool system shall be equipped with Three (3) twin line Reel Hoses shall have quick-connect ¼ turn automatic locking couplers and shall each be a minimum of One Hundred (100) feet long. Each quick- coupler shall be equipped with dust covers to protect couplers from contamination. Hoses shall be color coded for ease of identification Hoses shall be color coded for ease of identification. Hoses shall be a Rubber coated bonded hose. (Zip ties and metal bands do not constitute professional banding or bonding.) Hoses shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose “NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition, manufactures name and part number, the third party certifying body of compliancy, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

Hose specifications of twin bonded: I.D. .250”, O.D. .570” x 1.1” tube material Synthetic Rubber, cover material Synthetic Rubber (will not accept plastic or other jacketed materials). Working pressure of 10,500 psi, minimum of 21,000 psi burst pressure, minimum bend radius of 2’ and a maximum of 2.5” radius.

Hoses shall successfully pass testing by a third party as required by NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition. Hoses must have permanently embossed on the hose “NFPA 1936 Standard on Powered Rescue Tools, 2010 Edition, manufactures name and part number, the third party certifying body of compliancy, and date of manufacturing.

Bidder Complies _____

Bidder Does Not Comply _____

ACCESSORIES AND INSTALLATION

1. The following accessories shall be provided with the hydraulic rescue tool system. Six (6) Reel Droplines

Three (3) Reel Conversion Kits

Installation of electric pumps and conversion of existing hose reels to high pressure.

Ram Accessory Kit

WARRANTY INFORMATION

1. Bidder shall state any and all warranties covering the product being offered.

BID COMPLIANCE

1. The undersigned hereby acknowledges that he/she has made a complete and total review of the above and foregoing specifications and is authorized by bidder to sign as its official representative. Bidder hereby states that all paragraph compliance indications are true and correct. Should there be any deviations made from the bid compliance indications to the proposal provided by bidder, it is understood that such a deviation would cause immediate rejection of bidder's proposal. Any bid not signed below will be rejected immediately.

Signature _____ Title _____